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[Anuruth Kumar](#)

April 2000

intelligence , Volume 11 Issue 1

 Publisher: ACM [Request Permissions](#)

 Full text available: [HTML](#) (47.76 KB), [PDF](#) (565.75 KB) Additional Information: [full citation](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 28, Downloads (Overall): 391, Citation Count: 0

2 [Customized geospatial workflows for e-government services](#)

[Richard D. Holowczak](#), [Soon Ae Chun](#), [Francisco J. Artigas](#), [Vijayalakshmi Atluri](#)

 November **GIS '01: Proceedings of the 9th ACM international symposium on Advances in geographic information systems**

 Publisher: ACM [Request Permissions](#)

 Full text available: [PDF](#) (1.80 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 51, Downloads (Overall): 854, Citation Count: 1

The past decade has experienced a phenomenal growth in the electronic delivery of business services. This has led to an elevation in the expectations of citizens for fast and efficient delivery of governmental services. Recently, workflow systems have ...

Keywords: customization, decision support, e-government services, geospatial workflow

3 [Semiotic engineering contributions for designing online help systems](#)

[Milene Selbach Silveira](#), [Clarisse Sieckenius de Souza](#), [Simone D. J. Barbosa](#)

 October **SIGDOC '01: Proceedings of the 19th annual international conference on Computer documentation 2001**

 Publisher: ACM [Request Permissions](#)

 Full text available: [PDF](#) (302.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 52, Downloads (Overall): 525, Citation Count: 4

Our goal is to improve the content of help systems and provide better access to it, by giving users opportunities to signal breakdowns during interaction. To this end, we use a semiotic engineering model that explores both direct and indirect messages ...

Keywords: communicability, online help systems, semiotic engineering

4 [The case for user-centered CASE tools](#)

[Stan Jarzabek](#), [Riri Huang](#)


August 1998

Communications of the ACM , Volume 41 Issue 8

 Publisher: ACM [Request Permissions](#)

 Full text available: [PDF](#) (167.08 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 96, Downloads (Overall): 1150, Citation Count: 7

5 [Design implications of a task-driven approach to unstructured cognitive tasks in office work](#)

 [Sidney E. Harris, Harvey J. Brightman](#)

July 1985 **Transactions on Information Systems (TOIS)** , Volume 3 Issue 3


Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (1.16 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 25, Downloads (Overall): 309, Citation Count: 3


Previous research in modeling office activities has been primarily oriented toward office work that is structured and organized. In this paper we report on efforts to develop a new methodology for needs assessment evaluation. We use the Critical Task ...

6 [Designing a web services project for maximum value: the 90 day challenge](#)

 [Katherine Radeka](#)

November 2002 **OOPSLA '02: OOPSLA 2002 Practitioners Reports**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (569.47 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 27, Downloads (Overall): 386, Citation Count: 1

The 90 Day Challenge team set out to deliver an end-to-end Web services solution to enterprise sales agents in 90 days, with immediate plans to extend the solution to other user groups. In order to meet their commitments, the team had to reuse the same ...

Keywords: services oriented computing, web services

7 [Evaluating the reverse engineering capabilities of Web tools for understanding site content and structure: a case study](#)

[Scott Tilley, Shihong Huang](#)

July 2001 **ICSE '01: Proceedings of the 23rd International Conference on Software Engineering**


Publisher: IEEE Computer Society

Full text available:  Publisher Site ,  Pdf (360.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 73, Downloads (Overall): 1131, Citation Count: 9

This paper describes an evaluation of the reverse engineering capabilities of three Web tools for understanding site content and structure. The evaluation is based on partitioning Web sites into three classes (static, interactive, and dynamic), and ...

8 [Making work visible](#)

 [Lucy Suchman](#)


September 1995 **Communications of the ACM** , Volume 38 Issue 9

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (556.59 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 119, Downloads (12 Months): 534, Downloads (Overall): 3313, Citation Count: 74

9 [Design as a minority discipline in a software company: toward requirements for a community of practice](#)

 [Michael J. Muller, Kenneth Carey](#)

April 2002 **CHI '02: Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (570.68 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 46, Downloads (Overall): 517, Citation Count: 6

This paper provides a description of designers' work practices in a software company. We describe a participatory analysis of the diversity of working relations and roles of designers of IBM's Lotus software products. Designers are an example of a *minority* ...


Keywords: *community of practice, design, design techniques, knowledge management, user studies, work analysis*

10 [Middleware for Reactive Components: An Integrated Use of Context, Roles, and Event Based Coordination](#)

[Andry Rakotonirainy](#), [Jaga Indulska](#), [Seng Wai Loke](#), [Arkady B. Zaslavsky](#)

November 2001 **Middleware '01**: Proceedings of the IFIP/ACM International Conference on Distributed Systems Platforms Heidelberg


Publisher: Springer-Verlag

Full text available:  [Pdf](#) (283.65 KB)

Additional Information: [full citation](#), [references](#), [cited by](#)


Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 21, Downloads (Overall): 21, Citation Count: 3

11 [Virtual video prototyping of pervasive healthcare systems](#)

 [Jakob Bardram](#), [Claus Bossen](#), [Andreas Lykke-Olesen](#), [Rune Nielsen](#), [Kim Halskov Madsen](#)

June 2002 **DIS '02**: Proceedings of the 4th conference on Designing interactive systems: processes, practices, methods, and techniques

Publisher: ACM

Full text available:  [Pdf](#) (288.64 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 135, Downloads (Overall): 1023, Citation Count: 10

Virtual studio technology enables the mixing of physical and digital 3D objects and thus expands the way of representing design ideas in terms of *virtual video prototypes*, which offers new possibilities for designers by combining elements of prototypes, ...


Keywords: *design, pervasive computing, pervasive healthcare, prototyping, video, virtual studio*

12 [Pattern-based support for interactive design in domestic settings](#)

 [Andy Crabtree](#), [Terry Hemmings](#), [Tom Rodden](#)

June 2002 **DIS '02**: Proceedings of the 4th conference on Designing interactive systems: processes, practices, methods, and techniques

Publisher: ACM

Full text available:  [Pdf](#) (390.91 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 101, Downloads (Overall): 1024, Citation Count: 20

Designing for future domestic environments offers a challenge for everyone involved in the design of new technologies. The move from the office, and working environments in general, has highlighted the need for new techniques for understanding the home ...



Keywords: *domestic environment, ethnography, patterns of action and technology usage*

13 [Integrating development of task and object models](#)

 [Mary Beth Rosson](#)

January 1999 **Communications of the ACM**, Volume 42 Issue 1

Publisher: ACM [Request Permissions](#)

Full text available:  [Html](#) (38.06 KB),  [Pdf](#) (219.76 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 49, Downloads (Overall): 560, Citation Count: 6

14 [FLANNEL: adding computation to electronic mail during transmission](#)



[Victoria Bellotti](#), [Nicolas Ducheneaut](#), [Mark Howard](#), [Christine Neuwirth](#), [Ian Smith](#), [Trevor Smith](#)

October 2002 **UI ST '02: Proceedings of the 15th annual ACM symposium on User interface software and technology**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (374.21 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 22, Downloads (Overall): 282, Citation Count: 2

In this paper, we describe FLANNEL, an architecture for adding computational capabilities to email. FLANNEL allows email to be modified by an application while in transit between sender and receiver. This modification is done without modification to ...

Keywords: communications channel, computational email, electronic mail, web applications

15 [Cooperative usability practices](#)



[Thea Borgholm](#), [Kim Haiskov Madsen](#)

May 1999 **Communications of the ACM**, Volume 42 Issue 5

Publisher: ACM [Request Permissions](#)

Full text available: [Html](#) (33.47 KB), [Pdf](#) (58.67 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 84, Downloads (Overall): 861, Citation Count: 7

16 [A model of OASIS role-based access control and its support for active security](#)



[Jean Bacon](#), [Ken Moody](#), [Walt Yao](#)

November 2002 **Transactions on Information and System Security (TISSEC)**, Volume 5 Issue 4

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (352.06 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 244, Downloads (Overall): 2559, Citation Count: 39

OASIS is a role-based access control architecture for achieving secure interoperation of services in an open, distributed environment. The aim of OASIS is to allow autonomous management domains to specify their own access control policies and to interoperate ...

Keywords: Certificates, OASIS, RBAC, distributed systems, policy, role-based access control, service-level agreements

17 [Information delivery in support of learning reusable software components on demand](#)



[Yunwen Ye](#), [Gerhard Fischer](#)

January 2002 **I UI '02: Proceedings of the 7th international conference on Intelligent user interfaces**

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (338.86 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 48, Downloads (Overall): 475, Citation Count: 9

An inherent dilemma exists in the design of high-functionality applications (such as repositories of reusable software components). In order to be useful, high-functionality applications have to provide a large number of features, creating huge learning ...

Keywords: Java programming, information delivery, learning on demand, software reuse, user models

18 [A system for the seamless integration of personal messages using agents developed on a lotus notes platform.](#)

[Ramiro Liscano](#), [Roger Impey](#), [Paul Gordon](#), [Suhayya Abu-Hakima](#)

November 1996 **CASCON '96: Proceedings of the 1996 conference of the Centre for Advanced Studies on Collaborative research**


Publisher: IBM Press

Full text available:  [Pdf](#) (92.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 17, Downloads (Overall): 169, Citation Count: 0

We introduce a seamless messaging system for the management of personal messages. The aim of it is to intercept, filter, interpret, and deliver multimodal messages (voice, fax, and/or e-mail messages). Messages are delivered to the recipient regardless ...

19 [Strategic directions in electronic commerce and digital libraries: towards a digital agora](#)

 [Nabil Adam](#), [Yeilena Yesha](#)


December 1996 **Computing Surveys (CSUR)** , Volume 28 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (244.34 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 136, Downloads (Overall): 1804, Citation Count: 14

20 [Computer aided inbetweening](#)

 [Alexander Kort](#)

June 2002 **NPAR '02: Proceedings of the 2nd international symposium on Non-photorealistic animation and rendering**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (588.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 84, Downloads (Overall): 718, Citation Count: 6

The production of inbetweens is a tedious task for animators and a complicated one for algorithms. In this paper, an algorithm for computer aided inbetweening and its integration in a pen-based graphical user interface are presented. The algorithm is ...

Keywords: inbetweening, keyframe animation

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